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### PART III—SECTION 2

Notifications and Notices Issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 6th July 1963

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th June 1963

88435. The English Electric Company Limited. Improvements relating to electrical switches. (22nd June 1962).

88436. Howa Kogyo Kabushiki Kaisha. Mechanism for inducing rotation of a detaching roller in a comb.

88437. Coal Industry (Patents) Limited. Improvements in methods and apparatus for effecting dense phase fluidisation of particulate material. (22nd June 1962).

88438. AMP Incorporated. Improvements in or relating to explosive cartridges.

88439. AMP Incorporated. Improvements in or relating to explosive cartridges.

88440. H. Pappert. Improvements in or relating to the drawing of blanks of thermoplastic material (14th September 1961). [Divisional date 3rd January 1962].

88441. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing olefin copolymers. (20th August 1962). [Addition to No. 84588].

88422. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to hot-gas reciprocating machines.

88443. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for manufacturing electric resistors.

444. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to "compact source" mercury vapour discharge lamps.

88445. Merck & Co., Inc. Amino acids.

88446. M. Futakuchi and K. Wada. Method of and apparatus for manufacturing iron by low temperature reduction with use of methane gas

88447. C. L. Williams. Improvements in and relating to pre-cast concrete piles. (22nd June 1962).

88448. United Aircraft Corporation. Blast furnace pressurized by jet engine gas.

88449. Olaculith Patentverwertungs A. G. A fire and heat resistant covering for structural parts of buildings.

88450. Associated Electrical Industries Limited. Improvements in means for the discharge of liquid from rotors. (20th June 1962).

17th June 1963

88451. H. L. Parikh. Electric motor starting relay.

88452. C. K. Sayani. Improvements in or relating to hair brushes and the like.

88453. T. V. Karia. Improved starter-cum-holder socket for tube light and the like.

88454. Ahmed & Co. Improvements in and relating to multi-purpose air circulators and the like.

88455. Deutsche Fibril Gesellschaft Ebers & Dr. Muller m.b.H. A method of producing mouldings from synthetic plastic-reinforced fibrous masses and mouldings produced by this method. (5th April 1963).

88456. Imperial Chemical Industries Limited. Extrusion process and apparatus therefor. (20th June 1962).

88457. Scottish Agricultural Industries Limited. Manufacture of solid ammonium phosphates.

88458. Allied Chemical Corporation. Fluoro compounds.

88459. Gevaert Photo-Production N. V. Silver complex diffusion transfer process.

88460. Dunlop Rubber Company Limited. Cords. (3rd July 1962).

88461. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Herbicidal compounds process for the preparation thereof and compositions containing same.

88462. Great Lakes Carbon Corporation. Low-permeability, high density, carbon and graphite bodies.

88463. Siemens & Halske Aktiengesellschaft. Improvements in or relating to microwave transmission systems. (24th May 1963).

88464. Spofa, Sdruzeni Podniku Pro Zdravotnickou Vyrobu. Method of preparing 2-sulfanil amido-5-methoxy pyrimidine.

88465. Molins Machine Company Limited. Improvements in or relating to the manufacture of cigarettes. (29th June 1962).

88466. Stanffer Chemical Company. Cyclic acetals and mercaptals.

88467. Stauffer Chemical Company. Pesticidal phosphorylated mercaptals and mercaptols.

88468. North American Sugar Industries Incorporated. Improvements in purification of mixtures.

88469. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Compositions containing benzodiazepine derivatives. [Divisional date 27th March 1962].
88470. Westland Aircraft Limited. Improvements in or relating to ground effect machines. (19th June 1962).
88471. Kawasaki Steel Corporation. Method for the production of luppen from laterite ores.
88472. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of olefinic ketones.
88473. Waggongabrik Talbot. Telescopic swing roof for street and rail vehicles.

18th June 1963

88474. C. B. L. Mathur. Conserving the energy of dry cells while fitted in the body of a flash light torch.
88475. Associated Electrical Industries Limited. Optical image projecting systems. (27th June 1962).
88476. Keelavite Hydraulics Limited. Hydraulically operated reciprocating apparatus.
88477. R. P. Heuer. Refractory bricks, blocks and masses of burnt magnesite and process of manufacturing the same.
88478. Imperial Chemical Industries Limited. Reactive dye-stuffs. (21st June 1962).
88479. AMP Incorporated. Improvements in or relating to electrical connector pins.
88480. Dansk Spaanplade Kompagni A/S. Manufacture of chipboard and the like.
88481. General Motors Corporation. Earth mover vehicle.
88482. H. Holloway. Sedimentation tank having rotatable sediment conveying structure.
88483. H. Holloway. Sedimentation tank having rotatable sediment conveying structure.
88484. A. W. Chesterton Company. Seal.
88485. Shinko Denki Kabushiki Kaisha. Automatic fusing device.
88486. Hitachi Ltd. Dirt-proof multiple-gap device for lightning arresters.
88487. Hitachi Ltd. Apparatus for preventing single-phase operation of three-phase electric motors.
88488. Hitachi Ltd. Air-blast circuit breakers.
88489. Hitachi Ltd. Method of assembling the actuating mechanism for air-blast circuit breakers.
88490. Hitachi Ltd. Transformer winding.
88491. Hitachi Ltd. Roll materials.
88492. Hitachi Ltd. Method of making a molded insulating cylinder.

88493. Hitachi Ltd. Electric car controlling apparatus.
88494. Standard Telephones and Cables Limited. Sealing cable sheaths. (19th June 1962).
88495. Standard Telephones and Cables Limited. Electric cables. (20th July 1962).
88496. Forges Et Ateliers De Constructions Electriques De Jeumont. Improvements in railway signalling systems. (10th May 1963).
88497. Rotary Hoes Limited. Power transmission system for a tractor. (29th June 1962).

88498. Chemetron Corporation. Method and apparatus for ultrasonic flaw testing.
88499. Algemene Kunstzijde Unie N. V. Process for imparting controlled mechanical characteristics to the high-tenacity rayon yarns used as reinforcements in articles of rubber or plastic materials.
88500. Algemene Kunstzijde Unie N. V. An improved signalling apparatus.
88501. V. F. Fait. Improvements in or relating to adhesives.

19th June 1963

88502. Spacon Electrical Private Limited. Improvements in or relating to a safety device for electrical switches.
88503. Spacon Electrical Private Limited. A safety device for isolating the operation of electrical switches.
88504. M. W. Lalchandani. Improvements in or relating to self centering shaft or pin vice with drilling jig attachment.

88505. Commissariat A L'Energie Atomique. Mechanical coupling device, especially for pressure vessels.
88506. Joseph Lucas (Industries) Limited. Spark ignition systems. (4th July 1962).
88507. Olin Mathieson Chemical Corporation. Production of 4-N-demethyl-4-N-ethyl oxytetracycline.
88508. Raleigh Industries Limited. Improvements in or relating to the manufacture of forming rolls.
88509. Esso Research & Engineering Company. Soil stabilization. (19th July 1962).
88510. British Nylon Spinners Limited. Improvements in or relating to pilous surfaces.
88511. Jervis B. Webb Company. Bumper construction for two mast floor trucks. (13th November 1962).
88512. Sperry Rand Corporation. Document Sorting.
88513. L. Elsner. Method of fabricating compound construction elements.
88514. Merck & Co., Inc. Pharmaceutical composition.
88515. Merck & Co., Inc. Dibenzocycloheptenes.
88516. M. R. Narayanaswamy. Improvements in or relating to the recovery of valuable products from ferrous sulphate solutions.

20th June 1963

88517. P. S. Rao. Modelling art plaster.
88518. Ramani Ranjan Datta. Mathematical instrument for designing channel sections.
88519. Inzhenerno-Stroitelny Institute. Clarifier with natural aeration of drain waters and a subsequent treatment of residue precipitated.
88520. Glavnoe Upravlenie Vagonnogo Khozjaistva Ministerstva Putei Soobshcheniya, SSSR. Automatic coupler for railway rolling stock.
88521. Solo Kleinmotoren GMBH. Portable spraying device having an engine blower unit.
88522. Pilkington Brothers Limited. Improvements in or relating to methods of and apparatus for toughening curved sheets of glass. (21st June 1962).
88523. Ciba Limited. Manufacture of amino-quinazolines.
88524. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Oxidized heterocyclic compounds.
88525. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Compositions containing heterocyclic compounds. [13th March 1962].
88526. H. R. Gerdtz and W. F. Gerdtz. Improvements in bimetallic temperature-responsive devices suitable for use in thermally-controlled steam-traps. (15th February 1963).
88527. Mount Hope Machinery Limited. Sheet-material expander.
88528. A. R. H. Cawood. Improvements relating to tent pegs.
88529. Union Carbide Corporation. Leak-resistant dry cell. [Addition to No. 81932].
88530. Dunlop Rubber Company Limited. Improvements in or relating to methods and apparatus for mixing unvulcanised rubber or plastic material. (5th July 1962).
88531. Glaxo Laboratories Limited. Improvements in or relating to steroids. (9th July 1962).

21st June 1963

88532. Shimada Glass & Flask Factory (Private) Limited. Improvements in or relating to the stoppering of vacuum flasks or like containers.
88533. J. R. Geigy A. G. Process for the production of new imidazole derivatives.
88534. J. R. Geigy A. G. Therapeutical preparations.
88535. Rhone-Poulenc S. A. Process for the preparation of quinoline derivatives and pharmaceutical compositions containing them.
88536. Gestetner Limited. Improvements in or relating to stencil duplicators. (26th June 1962).
88537. Rohm & Haas Company. Treatment of leather.
88538. The Norwich Pharmacal Company. Product and process.
88539. American Smelting and Refining Company. Melting furnaces and method of using same.

88540. SOLO Kleinmotoren GMBH. Portable spray unit (meant to be carried on the back).
88541. Ciba Limited. A new process for the manufacture of amino compounds.
88542. Ciba Limited. Process for the manufacture of new amino acid derivatives.
88543. Tecalemit (Engineering) Limited. Improvements in or relating to atomising devices. (22nd June 1962).
88544. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for discharging liquid slag from a high-pressure gasification chamber.
88545. Techemic (Proprietary) Limited. Improvements in and relating to mixing devices.
88546. Ciba Limited. New anthranilic acid amides.
88547. Ciba Limited. Process for the manufacture of acylamino compounds.
88548. Ciba Limited. Process for the preparation of polymeric, water-soluble condensation products of ethylene-urea and aldehydes.
88549. Stewards and Lloyds Limited. Resistance welder.
88550. Escherwyss Aktiengesellschaft. Centrifuge.
88551. Ciba Limited. Manufacture of pyridyl compounds.
88552. Pirelli S.p.A. and Montecatini Società Generale Per L'Industria Mineraria E Chimica Vulcanizable compositions on the basis of olefin copolymers, process for their vulcanization and article thus obtained.
88553. F. Soares. Spherical pump.
78612. Sociedade Imperial De Caju E Oleos Lda. Method for extracting cashew nut-shell oil. Accepted on 19th June 1963.

*Wetting the nuts by immersion into water at about 20° to 25°C, drying the nuts, steaming the nuts, continuous extraction of oil from the kernel by immersing the nuts into oil of the same kind, vibrating the nuts, crushing the nut kernel by incision thereof, separation of the fruits from the broken kernels, peeling the fruits by loosening, classifying the fruits freed from their skin and subsequently packing them for marketing in containers.*

78728. The Eimco Corporation. Apparatus for removing liquid from a receiving vessel. Accepted on 18th June 1963.

*Comprising in combination with vessel, a pump having a rotor, a cover over rotor defining a pumping chamber and peripheral discharge, an inlet eye in cover, means interconnecting vessel and the inlet eye of the pump.*

78956. R. R. Pardasani. Improvement in or relating to punching machine [Addition to No. 68896]. Accepted on 19th June 1963.

*Providing a slidable or rotatable operating device having one or more cams to engage or press the punches or the stapling device.*

79212. Council of Scientific and Industrial Research. Improvements in and or relating to the electrolytic reduction of m-dinitrobenzene to 2:4 diaminophenol. Accepted on 20th June 1963.

*By subjecting m-dinitrobenzene to reduction at an amalgamated cathode followed by reduction at a copper cathode.*

79247. Cable Covers Limited. Improvements relating to anchor grips for tensioning wires, rods or the like. [Addition to No. 63580]. Accepted on 21st June 1963.

*Wherein three segmental wedge shaped internally serrated gripping jaws are used.*

79277. Canadian Industries Limited. Stable coating compositions. (16th November 1960). Accepted on 21st June 1963.

*Comprising a carboxylic acid containing copolymer a polyepoxide and a catalytic amount of a tertiary amine.*

79517. Siemens & Halske Aktiengesellschaft. Improvements in or relating to time-sharing multiplex communication systems. (9th June 1961). Accepted on 18th June 1963.

*In which the subscriber stations are switched to a time multiplex point through electronic switches being controlled cyclically by pulses which are displaced with respect to each other and allocated to the channel of communications between two subscriber stations.*

79832. Accumulatorenfabrik Sonnenschein G.m.b.H. Improvements in unspillable accumulators having a solid electrolyte and method of charging the same. Accepted on 17th June 1963.

*A substance is added to the electrolyte which is adapted to form a thixotropic gel and the positive and negative electrodes of the accumulator are covered each with fleece or fabric.*

79841. American Machine & Foundry Company. A method and apparatus for lapped welding of metal portions. Accepted on 18th June 1963.

*Advancing the sheet metal portions while bringing one of same into partially overlying lapped relation to and with a diminishing spaced relation to the other.*

79851. Union Carbide Corporation. Vinyl chloride resin plastisols. Accepted on 18th June 1963.

*Comprising a vinyl chloride resin, a catalytic amount of an organic peroxide catalyst and a liquid acrylate.*

79916. Corning Glass Works. Improvements in or relating to phototropic glass articles. Accepted on 20th June 1963.

*Comprising a silicate glass body having in at least a portion thereof inorganic crystals which become darker in colour upon exposure to actinic radiation of wave lengths between 0.3—0.5 microns.*

#### Alteration of Date

80613. The claim to priority date 30th August 1961 (South Africa) has been altered to 31st August 1961 (Australia).
80824. The claim to priority date 31st March 1961 has been disallowed and the application dated as of 19th February 1962, the date of filing in India.
87131. Ante-dated to 20th September 1961 under Section 5 of the Act.
87532. The claim to priority date 23rd September 1960 has been abandoned and the application dated as of 20th April 1963, the date of filing in India.
87532. Ante-dated to 21st September 1961 under Section 5 of the Act.
87533. Ante-dated to 18th December 1961 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Dept, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specification should be accompanied by the numbers of specifications as shown in the following list.

If required, typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78169. Metco, Inc. Flame spraying of synergistic composites. Accepted on 22nd May 1963.

*By passing the heat fusible material into a heating zone in the form of a composite comprising at least two exothermically reacting components.*

78560. R. H. Marks. Production of paper yarn and knitted yardage therefrom. Accepted on 17th June 1963.

*Comprises spindles and winding means carried in a frame, spindle rotating means, a multiple slitter, treating means moistening and twister means, wherein the strips form only moving connection between web roll and spindles.*

79920. Nelvale Limited (formerly known as Lustrafil Limited). Improvements in thread treating machines. (28th February 1961). Accepted on 20th June 1963.
- Wherein the end of the treatment rolls to which the thread advances is provided with a narrow ledge constituting the pickup formation to engage an adjacent thread wrapper and lay it on the roll.*
79958. M. Shankar. A washing machine. Accepted on 15th June 1963.
- Comprising a barrel, supporting plate, motor, a flanged base plate fitted above the supporting plate, a rotatable churner fitted to the end of shaft.*
79962. Ciba Limited. New polyepoxides, their preparation and their use. Accepted on 19th June 1963.
- Comprises reacting polydihydrocyclopentadienes with an epoxidising agent.*
80098. Ciba Limited. Optical brightening of polyester material. Accepted on 19th June 1963.
- A 2:5-di-[benzoxazolyl-(2')]-thiophene compound is fixed on the polyester material, more especially on polyester fibers.*
80145. Sun Oil Company. Stabilized polypropylene. Accepted on 21st June 1963.
- Comprises crystalline polypropylene and a stabilising quantity of a thiodipropionate.*
80237. Westinghouse Brake and Signal Company Limited. Fluid pressure monitoring means. (14th February 1961). Accepted on 17th June 1963.
- Having a first point at which fluid pressure is to be monitored upon fluid being supplied to that point and a second point remote from first point to which monitored pressure to be applied.*
80241. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing vulcanizable, linear high molecular weight diolefin copolymers. Accepted on 20th June 1963.
- Characterized in that the mixture of butadiene and one or more diolefins is contacted with a homogeneous catalyst of the reaction product between a vanadium compound and an aluminum organic compound.*
80254. Imperial Chemical Industries Limited, and British Nylon Spinners Limited. Polyamides. Accepted on 19th June 1963.
- Incorporating a copper salt of a halogen substituted organic acid or of halogen copper complex.*
80392. Sandoz Ltd. Water-soluble, metal-containing reactive disazo dyes. Accepted on 18th June 1963.
- By coupling a diazo compound of an amino-monoazo dye with a coupling agent and treating the resulting aminodisazo dye with a metal-yielding agent.*
80428. Fertilizer Corporation of India Limited. A process for revivification of spent iron oxide and making of sodium thiosulphate as by product. Accepted on 15th June 1963.
- Comprises (a) digestion of spent iron oxide made up in the form of a slurry in aqueous medium with sodium sulphite (b) separation of the revived iron oxide from the solution of sodium thiosulphate formed and unreacted sodium sulphite by filtration (c) washing with water till free from water soluble sulphur compounds (d) drying by exposing to air and (e) purification of the filtrate by passing through a bed of active carbon.*
80430. Imperial Chemical Industries Limited. Stabilised blowing agents containing organic nitrosoamines and process for manufacturing the same. (7th February 1961). Accepted on 15th June 1963.
- Stabilized blowing agents which are waterfree and contain as stabilizer an oxide, hydroxide or carbonate of calcium, barium, zinc or magnesium in powder form.*
80437. Chemical Construction Corporation. Corrosion inhibiting. Accepted on 19th June 1963.
- Incorporating 0.5% by weight of a soluble compound of arsenic, antimony, bismuth or phosphorus to inhibit corrosion of ferrous metal surfaces.*
80487. A. M. Warn. Manually operable clutching mechanism for wheel hubs for four wheel vehicles. Accepted on 17th June 1963.
- Comprising a pinion sleeve member secured to axle for rotational movement therewith and having first gear teeth means formed thereon a clutch housing member secured to wheel.*
80503. Turners Asbestos Cement Company Limited. Improvements relating to processes and machines for making asbestos cement or like pipes. (8th February 1961). Accepted on 15th June 1963.
- Comprising an endless band, at least one rotary cylindrical sieve, and an exchangeable mandrel with a co-operating anvil roller.*
80511. NSU Motorenwerke Aktiengesellschaft and Wankel G.m.b.H. Improvements in or relating to rotary piston engines. Accepted on 20th June 1963.
- Having inner and outer bodies, inner body having a plurality of internal chambers spaced circumferentially about the periphery of the inner body, each of the chambers having a drain channel communicating with its interior.*
80518. Ciba Limited. Photographic material suitable for the silver dyestuff bleaching process. Accepted on 19th June 1963.
- Containing on a support a layer of at least one complex metal compound of an azo dyestuff free from acid groups imparting solubility in water.*
80522. Socony Mobil Oil Company, Inc. An aluminosilicate catalyst, method of preparing same and hydrocarbon oils cracked therewith. Accepted on 15th June 1963.
- Comprising dispersing finely divided crystalline aluminosilicate in an inorganic oxide hydrogel or sol, affecting gelation of the sol, when employed to form a hydrogel and drying the resulting product.*
80525. Allied Chemical Corporation. Process for the production of new organic dianhydrides, curable epoxy resin compositions containing the dianhydrides, and cured epoxy resin compositions produced therefrom. Accepted on 21st June 1963.
- Reacting an alkyl benzene with maleic anhydride in the presence of a free radical catalyst.*
80575. Simonacco Limited (Formerly Automatic Coal Cleaning Company Limited). Improvements in and relating to filters. (21st March 1961). Accepted on 21st June 1963.
- Comprising a sheet of liquid-pervious woven filtering material and a border of substantially liquid impervious flexible material.*
80613. The B. F. Goodrich Company. Process for internally plasticizing dispersed polymer of butadiene hydrocarbon polymer latex and resulting product (31st August 1961). Accepted on 15th June 1963.
- Comprises preparing a mixture of an emulsion-polymerized butadiene hydrocarbon polymer synthetic latex and an aqueous emulsion of the liquid plasticizer, freezing the mixture to the solid mass at a temperature above temperature at which it coagulates, and thawing the frozen mass.*
80657. Shell Internationale Research Maatschappij N. V. Novel cross-linked foams of elastomeric copolymers and a process for the preparation thereof. Accepted on 21st June 1963.
- Subjecting to ionization radiation, a gelled froth of a latex of an elastomeric co-polymer from two olefins.*
80665. Imperial Chemical Industries Limited. Polymerisation process. (23rd February 1961). Accepted on 15th June 1963.
- A promoter is brought into contact with molten lactam containing dissolved alkaline catalyst.*

80701. Toyo Spinning Company Limited. Treatment of cellulosic fibre fabrics. Accepted on 19th June 1963.  
*Immersing the fabric at its open width in an aqueous solution containing 30 to 60% of a strong acid and 5 to 20% of formaldehyde.*
80720. Toyo Spinning Company Limited. Treatment of cellulosic fabrics. Accepted on 20th June 1963.  
*By treating the fabric with an aqueous solution of a cross-linking agent under heating in the presence of a filler.*
80727. Otis Elevator Company. Elevator control system. Accepted on 17th June 1963.  
*Includes pulse generating means which is operatively connected with detecting means, which, in turn, react respectively to generation of an electrical transient of characteristic form to indicate registration and cancellation of landing calls at any instant.*
80824. United Aircraft Corporation. Improvements in and relating to mounting systems for supporting accessories. Accepted on 19th June 1963.  
*Four-point support including three transversely aligned and circumferentially spaced apart front supports and a rear support in axial alignment with the centre support of the three front supports.*
80868. Ciba Limited. Process for dyeing polyamides in the melt. Accepted on 20th June 1963.  
*By incorporating in the polyamide melt, a finely divided anthraquinone dyestuffs.*
80910. The British United Shoe-Machinery Company Limited. Improvements in or relating to methods of bonding portions of a shoe upper to an insole in the lasting of a shoe. Accepted on 20th June 1963.  
*Comprises directing heat responsive adhesive composition particles between marginal portions of the insole and upper, directing heated gas against the layer and wiping the portions with activated composition.*
80932. Allied Chemical Corporation. Process for the manufacture of hydrogen fluoride. Accepted on 19th June 1963.  
*Feeding calcined fluorspar and sulphuric acid in a reaction zone at 150 to 315°C.*
80941. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing or printing materials of fibrous structure containing cellulose. Accepted on 21st June 1963.  
*Using an anthraquinone, a phthalocyanine or an azo dyestuff free from metal or a metalliferous dyestuff as organic dyestuff.*
80947. Howa Kogyo Kabushiki Kaisha (known as Howa Machinery Ltd.). Coiler gear mechanism. Accepted on 19th June 1963.  
*Loosely coupled top and bottom parts having individual bearings, the top part including an integral driving gear and inclined guide tube.*
80986. Amchem Products, Inc. Solutions and processes for producing phosphate coatings on the surfaces of zinc or zinc coated steel and iron. Accepted on 21st June 1963.  
*Comprises a heavy metal ion, an amount of phosphate ion, an accelerating amount of nickel ion, an oxidising accelerator and a small amount of soluble titanium.*
81064. Aerazur Constructions Aeronautiques. Improved parachute. Accepted on 20th June 1963.  
*With leading edge interrupted from point to point, comprising at the top of the canopy, cups which serve to hold the canopy extended during the first stage of opening thereof and independently of any extractor-parachute action.*
81095. Imperial Chemical Industries Limited. Improvements in or relating to film manufacture. (27th March 1961). Accepted on 15th June 1963.  
*Characterised in that to reduce the effect of thick spots the film is heated to or maintained substantially at the stretching temperature differentially around its circumference so that thicker parts of the tube are heated more than the thinner parts whereby a greater degree of the stretching occurs at the thicker parts.*
81121. Merritt & Company (Engineering) Limited. Improved reversing gear. (11th March 1961). Accepted on 19th June 1963.  
*A forward clutch and a reverse clutch interposed between the output shaft and the forward and reverse gear-wheels, respectively and a pair of complementary rotatable torque-transmitting components of which input and output components are connected with the driven parts and output shaft respectively.*
81129. Olin Mathieson Chemical Corporation. Method of treatment of osseous and other tissue. Accepted on 19th June 1963.  
*Characterized by extracting the tissue with non-ionic surfactant solution, extracting with fat solvent, extracting with non-ionic surfactant solution and then washing with water.*
81159. Unilever Limited. Silicate materials. (14th March 1961). Accepted on 19th June 1963.  
*Forming a reaction mixture of lime and a reactive siliceous material in water, and then heating the reaction mixture in air above 65°C.*
81166. Shell Internationale Research Maatschappij N. V. Process for polymerizing conjugated dienes for the manufacture of shaped articles and shaped articles so produced. Accepted on 21st June 1963.  
*Characterised in that one or more cyclic organic compounds are present which are soluble in the diluent and contain non-conjugated double bonds in the ring structures.*
81188. Hooker Chemical Corporation. Phenolic resin binder compositions containing the same and a process for the preparation of articles bonded with said compositions. Accepted on 21st June 1963.  
*Comprises of a liquid phenol-formaldehyde resin and a urea compound.*
81197. Shell Internationale Research Maatschappij N. V. Process for polymerizing polymerizable organic compounds. Accepted on 18th June 1963.  
*Maintaining in the polymerisation zone a controlled amount of water as a separate liquid phase.*
81215. Carmer Industries, Inc. Solar oven. Accepted on 18th June 1963.  
*Comprising, in combination, an insulated casing having an opening in one side, internal walls within casing bounding opening and extending inwardly therefrom in converging relation to each other, a flat, black, and opaque collector plate extending between the inner faces of internal walls and closing the space therebetween.*
81306. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Method of preparing halogenated vinyl polymers. Accepted on 18th June 1963.  
*Using as seed two or more latices having average particle diameters different from one another.*
81326. Union Carbide Corporation. Fog resistant polyolefin films. Accepted on 21st June 1963.  
*Characterised in that the anti-fog agent is a sorbitan mono-ester or sorbitan diester of a fat forming fatty acid.*
81361. Polymer Corporation Limited. Dehydrogenation of paraffinic hydrocarbons. Accepted on 19th June 1963.  
*Contacting hydrocarbon in admixture with steam with a catalyst consisting essentially of calcium nickel phosphate in the presence of 5 to 40% of uncombined oxygen.*
81443. Zavody V. I. Lenina Plzen, Narodni Podnik. Device for automatically adjusting the play of brake shoes on rolling stock. Accepted on 19th June 1963.  
*Engaging brake rod with the brake traverse or with the brake lever when applying the brake but allowing these members to mutually move when releasing the brakes.*

81501. Stora Kopparbergs Bergslags Aktiebolag. Process of dephosphorizing pig iron. Accepted on 21st June 1963.
- Basic slag forming material including lime and iron oxide and fluorspar added to melt and subjected to adjustable mechanical agitation of such intensity to rapidly form a molten dephosphorizing basic slag which is being used for dephosphorizing molten pig iron.*
81602. Road Machines (Drayton) Limited. Improvements in or relating to monorail vehicles. (5th June 1961). Accepted on 19th June 1963.
- Tyre of resilient material secured between flanges on the wheel hub the peripheral surface of the tyre being shaped to co-operate with the head of the monorail.*
81651. Werkspoor N. V. Improvements in and relating to crystallizing devices. Accepted on 20th June 1963.
- Into which part of the crystal slurry withdrawn from the crystallizer vessel is introduced and said classifier having its outlet for the coarse fraction connected to the crystallizer vessel through the intermediary of expansion vessel to which solution is applied.*
81677. Institut Francais Due Petrole Des Carburants Et Lubrifiants. Improvements in or relating to esters, processes for their production, compositions containing such esters, and process for the treatment of high molecular weight polymers and poly condensation products with such esters. Accepted on 15th June 1963.
- Comprises reacting a member of the group constituted by an organic acids functional derivatives thereof with sub-products of the production of metadioxanes and/or conjugated diolefins in presence of catalysts having acid reaction.*
81757. Aktiebolaget Svenska Flaktfabriken. An improvement in wet separators. Accepted on 15th June 1963.
- Venturi-shaped inlet channel having means at its throat to disperse and admix a washing liquid into the gas stream flowing therethrough and means to form a flowing liquid film on the diverging outlet portion of said channel.*
81816. Ciba Limited. Process for the production of a thiophene derivative. Accepted on 21st June 1963.
- Reacting 1:4-di[benzoxazolyl-(2')-butane] and sulphur.*
81880. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Copolymers of unsaturated endomethylenic compounds, ethylene and alpha-olefins. Accepted on 21st June 1963.
- Copolymerizing in presence of a catalyst prepared from an organometallic aluminium compound containing at least one halogen atom per aluminium atom and a vanadium compound.*
81901. The Cross Company. Improvements in machine tools. Accepted on 19th June 1963.
- Movable locators and clamps engageable with work securely to hold the same in the station, and a single actuator cooperable with the transfer device, the locators and the clamps.*
81924. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to pesticidal emulsions. Accepted on 15th June 1963.
- A pesticidal water-in-oil emulsion containing water, water insoluble organic solvent, pesticide and emulsifying agent characterised by a content of at least two emulsifying agents which are lipophilic and hydrophilic respectively.*
81929. Imperial Chemical Industries (India) Private Limited. A novel resist effect with onium dyes under azoic ground. Accepted on 19th June 1963.
- Printing the cloth with an onium (Ingrain) dyes, either before or after treatment with an azoic coupling component followed by treatment with an azoic diazo component.*
82148. G. D. Thakoor. Improvements in or relating to floor tiles. Accepted on 21st June 1963.
- It is provided with peripheral flanges at right angles to the said flat surface with prongs or like means whereby the said tile is securely anchored.*
82155. Zavody V. I. Lenina Plzen, Narodni Podnik. Device for clamping or chucking machine parts, tools or workpieces. Accepted on 17th June 1963.
- Characterized in that the nut of the motion screw is carried as part of torque clutch whose other part is arranged on the driving wheel.*
82184. Farbenfabriken Bayer Aktiengesellschaft. Polymeric material. (26th June 1961). Accepted on 21st June 1963.
- Polymerizing a methylol alkenyl ether of polymerisable organic compound.*
82231. Standard Telephones and Cables Limited. Improvements in or relating to telecommunication systems of the intercommunication type. Accepted on 21st June 1963.
- Wherein there is provided a free-running oscillator for each telecommunication line, and means responsive to the instantaneous presence of a communication signal.*
82760. Societe Anonyme Des Pneumatiques Dunlop. Improvements relating to a machine for folding over each other portions of a sleeve of flexible material such as rubber fabric. Accepted on 21st June 1963.
- Comprises a cylindrical carrier surface consisting a ring and a deformable chamber, a sleeve to be folded being placed partly on the ring and said chamber, then folding sleeve portion on chamber by inflating and deforming the chamber.*
82948. E. K. Cole Limited. Improvements in or relating to means for controlling the amplitude of a signal in an amplifier. (6th July 1967). Accepted on 20th June 1963.
- Comprising a light sensitive cell as a variable resistance in or associated with, the input circuit of the amplifier.*
82981. Universal Oil Products Company. Dealkylation of alkylaromatic hydrocarbons. Accepted on 19th June 1963.
- Subjecting fraction containing alkylaromatic hydrocarbon to dealkylation reaction in presence of sulfur compound in an amount equivalent to from 20 to 200 parts by weight of sulfur per one million parts by weight of alkylaromatic hydrocarbon.*
83043. Reeves Borthers, Inc. Method of bonding fibrous structures made from fibres or filaments of alpha-olefin polymers. Accepted on 21st June 1963.
- Comprises applying fibres a bonding agent consisting an olefin polymer, subjecting the fibres to a heat treatment to fuse the bonding agent and soften the fibre surface and cooling to harden.*
83061. The Metal Box Company Limited. Improvements in or relating to cartons. (3rd July 1961). Accepted on 17th June 1963.
- Including an integral opening member the longitudinal edges of which are defined by continuous scores formed on one side of the material and pairs of unconnected divergent slits formed in said member and extending lengthwise of the member.*
83071. Veb Schar-Und Spulmaschinenbau Burgstadt. Storage mechanism for warping machines beaming machines and machines of similar type. Accepted on 17th June 1963.
- Rollers of both the rows are singly movable and each roller of the upper row is coupled in its motion with a neighbouring roller of the lower row in contra-rotation.*
83264. K. G. V. Murthy. Improved self-filling fountain-pen. Accepted on 18th June 1963.
- Providing a small blow-hole at the barrels free and while the other end is screwed on to one end of the nozzle which carries the ink feeder and the nib.*



83454. Etablissements Quenot & Cie. Improvements in or relating to metal tape linear measuring devices. Accepted on 15th June 1963.

*The bottom wall of the case, is pivotally mounted about an intermediate axis, and a compression coil spring being disposed on the side opposite to the tape outlet aperture*

83507. Rolls-Royce Limited and Ferodo Limited. Friction brake or clutch. (2nd August 1961). Accepted on 18th June 1963.

*A rotatable disc mounted between friction pads, abutment means disposed on opposite sides of the pads and against one or other of which the pads are forced upon the frictional engagement.*

83555. Dr. C. Otto & Comp. G.m.b.H. Coke oven. Accepted on 19th June 1963.

*Comprising a regenerator with plurality of horizontally spaced regenerator chambers, a sole channel underlying and communicating with regenerator passages for distributing gaseous media, a plurality of plates detachably connected to each other end to-end relation, and means for providing access from outside the battery to plates for removing the plates from and for disposing the plates in their defined position.*

83585. Richard R. Leader Limited. Improvements in or relating to shuttle and like control devices for looms. Accepted on 18th June 1963.

*The buffer cylinder contains a liquid and is provided with a movable closure with which in use the bufferliquid is in direct contact and resilient means urging the closure inward.*

83703. Elektrokemisk A/S. Improvements relating to reduction processes for producing metal or metal alloys in an electric smelting furnace. Accepted on 20th June 1963.

*Using a pelleted charge containing pellets, each comprising two or more different layers of material, the inner layer containing excess of metal oxide and outer layer surrounding the inner layer containing excess of carbonaceous reducing agent.*

87131. R. H. Marks. Method of producing knitted paper yarn. [Divisional date 20th September 1961]. Accepted on 17th June 1963.

*Comprises moistening paper yarn during the formation thereof and feeding the twisted paper yarn to a knitting machine while the yarn is moist.*

87532. Chemical Services (Pty.) Ltd. Process for preparing the bleached particulate detergent compositions. [Divisional date 21st September 1961]. Accepted on 21st June 1963.

*A process comprises mixing water-soluble organic detergent, an inorganic salt, water and an oxygenliberating per compound to form a paste, liberating oxygen from the said per-compound, setting the paste to a friable mass and granulating the said mass.*

87533. Accumulatorenfabrik Sonnenschein G.m.b.H. Voltage-operated arrangement for the protection of accumulators. [Divisional date 18th December 1961]. Accepted on 17th June 1963.

*Charging current of the battery is interrupted by the use of heat which is evolved semiconductor, for instance a transistor or a zener diode or an ordinary diode or in a resistance, under certain conditions, to control such current.*

#### OPPOSITION PROCEEDINGS

The opposition entered by Union Carbide Corporation to the grant of a patent on application No. 76010 made by Imperial Chemical Industries Limited as notified in Part III Section 2 of the Gazette of India dated 1st December 1963 has been treated as withdrawn.

#### Patents Sealed

75658. 75942. 75958. 75961. 76050. 76061. 76062. 76065. 76257.  
76280. 76365. 76376. 76385. 76478. 76598. 76656. 76956. 76990.  
77069. 77081. 77096. 77159. 77195. 77196. 77233. 77243. 77246.  
77247. 77277. 77278. 77283. 77309. 77311. 77348. 77349. 77386.  
77388. 77400. 77401. 77414. 77429. 77645. 77666. 77709. 77721.  
77737. 77780. 77830. 77835. 77913. 77944. 78191. 78200. 78224.  
78273. 78298. 78517. 78526. 78533. 78607. 78742. 78901. 78906.  
78939. 78955. 79166. 79169. 79330. 79442. 79486. 79588. 79608.  
79633. 79644. 79748. 79893. 79976. 79977. 80062. 80928. 81524.  
82736.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

40443 }  
43804 } Davy-Ashmore (Bahamas) Limited.  
43392 }  
64273 } Alfred Johann Buchi.  
45099—American Flexpipe Company.  
47402 }  
47403 } United States Pipe and Foundry Company.  
47833 }  
65757 }  
63628—N. V. Machinefabriek Frans Smulders.  
67436—American Machine and Foundry Company.

#### Renewal Fees Paid

39973. 40185. 40265. 40278. 41434. 41661. 41713. 41731. 41831.  
41900. 43479. 43487. 43775. 44896. 45424. 45444. 45487. 45739.  
45755. 45758. 45814. 46125. 46971. 46972. 47566. 47580. 47600.  
47658. 47663. 47678. 47734. 47743. 47854. 47955. 48880. 49727.  
49846. 49855. 49857. 49858. 49874. 49875. 50062. 50278. 50281.  
50304. 50366. 50459. 50488. 50555. 52041. 52167. 52220. 52257.  
52277. 52297. 52288. 52313. 52317. 52346. 52347. 52392. 52451.  
52539. 52553. 52565. 52625. 52631. 52670. 52784. 52905. 54792.  
54793. 54883. 54904. 54925. 54975. 54978. 54979. 54980. 54984.  
55002. 55005. 55012. 55015. 55018. 55020. 55021. 55022. 55023.  
55155. 55171. 55200. 55298. 55368. 55382. 55418. 55486. 56253.  
56999. 57706. 57754. 57837. 57845. 57941. 57952. 57953. 58029.  
58034. 58102. 58204. 58277. 58518. 58528. 58595. 58814. 59066.  
59068. 59069. 60170. 60910. 60957. 60988. 61053. 61078. 61079.  
61085. 61280. 61281. 61309. 61314. 61337. 61471. 61609. 61676.  
61727. 61765. 61812. 61813. 63854. 63855. 64458. 64462. 64545.  
64559. 64565. 64570. 64608. 64644. 64664. 64679. 64675. 64736.  
64769. 64778. 64822. 64917. 64918. 64919. 64920. 64921. 64922.  
64923. 64985. 65014. 65018. 65038. 65089. 65284. 65368. 65437.  
65526. 65632. 65822. 67304. 67319. 67835. 67939. 67955. 68057.  
68089. 68118. 68119. 68120. 68153. 68178. 68240. 68268. 68328.  
68329. 68357. 68368. 68374. 68388. 68433. 68457. 68491. 68498.  
68499. 68513. 68514. 68582. 68613. 68704. 68727. 68731. 68847.  
68854. 68888. 68947. 68949. 69065. 69155. 69164. 69174. 69175.  
69228. 69229. 69236. 69243. 69341. 69459. 69667. 69979. 70987.  
71239. 71952. 72274. 72441. 72529. 72577. 72606. 72781. 72857.

#### Cessation of Patents

38820. 40807. 42421. 42467. 42469. 42555. 44296. 44297. 44423.  
44440. 44441. 44442. 44443. 44444. 45953. 46292. 46408. 46429.  
46438. 46457. 46462. 46472. 46494. 46497. 46549. 48656. 48672.  
48686. 48764. 48774. 48776. 48783. 48801. 48802. 50902. 50903.  
50912. 50930. 50969. 50986. 50994. 51043. 51052. 51053. 51085.  
52274. 53378. 53393. 53408. 53419. 53479. 53490. 53519. 53546.  
55423. 55492. 56108. 56125. 56158. 56162. 56175. 56210. 56263.  
56264. 56273. 56298. 56302. 56340. 56890. 57202. 59185. 59186.  
59188. 59192. 59202. 59204. 59209. 59211. 59212. 59213. 59249.  
59254. 59269. 59274. 59282. 59295. 59298. 59316. 59323. 59337.  
59394. 62625. 62634. 62641. 62654. 62656. 62663. 62673. 62678.

62683. 62685. 62704. 62722. 62723. 62738. 62753. 62765. 62776.  
62801. 62823. 62832. 62836. 66178. 66179. 66192. 66206. 66207.  
66208. 66216. 66217. 66233. 66251. 66261. 66273. 66275. 66280.  
66284. 66292. 66294. 66295. 66296. 66297. 66308. 66310. 66319.  
66320. 66327. 66328. 66331. 66333. 66334. 66335. 66337. 66368.  
66372. 66374. 66377. 66385. 66387. 66388. 66391. 66403. 66411.  
66412. 66421. 66429. 66437. 66442. 66448. 66453.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:

57208—*Dr. Laszlo Lipcsey.*

The patent ceased on the 1st May 1960 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III Section 2 of the Gazette of India dated the 17th December 1960. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before 17th August 1963.

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent.

67410—*Societa Farmaceutici Italia*

The patent ceased on the 24th April 1962 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 6th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 17th August 1963.

Notice is hereby given that an order was made on the 31st May 1963 restoring the Patent No. 60933 dated the 28th June 1957 granted to Ramapati Ghosh, for "Group or gang operated rotatable insulator switch."

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 118058 and 118060. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta 20, West Bengal, India "A chair", May 8, 1963.

Class 3. No. 117081. General Radio Corporation, An Indian Firm, 2/2, Jhandewala Industrial Scheme, New Delhi-1. "Radio cabinet", February 15, 1963.

Class 3. No. 118055. Bright Brothers Private Limited, A company incorporated in India, 156 Tardeo Road, City of Bombay, State of Maharashtra, India, "Measuring cups", May 8, 1963.

Class 3. Nos. 118059 and 118061. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta 20, West Bengal, India, "A chair", May 8, 1963.

Class 4. No. 116506. Arjun Singh, Dream Lane, Etawah (U.P.), India, Indian Nationality, "Shelf frame", December 31, 1962.

Class 4. No. 117648. Renol Industries, 19, Karel Wadi, Gita Bhuvan, Thakurdwar, Bombay-2, Maharashtra, Indian Co., "Bottles", April 1, 1963.

Class 5. No. 117682. The Standard Fireworks Industries, Post Box No. 32, Sivakasi, Madras, Indian Partnership Firm, "Container for fireworks", March 25, 1963.

Class 5. No. 117616. Abdul Razzaq, Sirsa, P. O. Sirsa, Dist. Allahabad, Uttar Pradesh, Indian, "Label", March 28, 1963.

Class 5. No. 117652. Lajja Ram (An Indian Subject), 388 Old Post Office Street, Sadar Bazar, Delhi, "Carton", April 1, 1963.

Class 13. Nos. 117872 to 117880. Calico Dyeing & Printing Mills (P) Ltd, Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality-Indian Business Concern (Private limited company), "Textile goods including silks and art-silk piece-goods", April 25, 1963.

Class 13. Nos. 117984 to 118018. The Indian United Mills Ltd, Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piece goods" May 3, 1963.

Class 14. Nos. 117895 to 117913. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay-1, "Textile goods", April 27, 1963.

Class 14. Nos. 118017 to 118021. The Indian United Mills Ltd, Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India a company incorporated in India, "Textile piece goods", May 3, 1963.

#### COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 75998 to 76000, Class 1.

Design Nos. 76004 to 76006, Class 3.

Design Nos. 76001 to 76003, Class 5.

Design Nos. 76007 to 76009, Class 12.

S. VENKATESWARAN

Controller General of Patents, Designs and Trade Marks